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Fig. 1

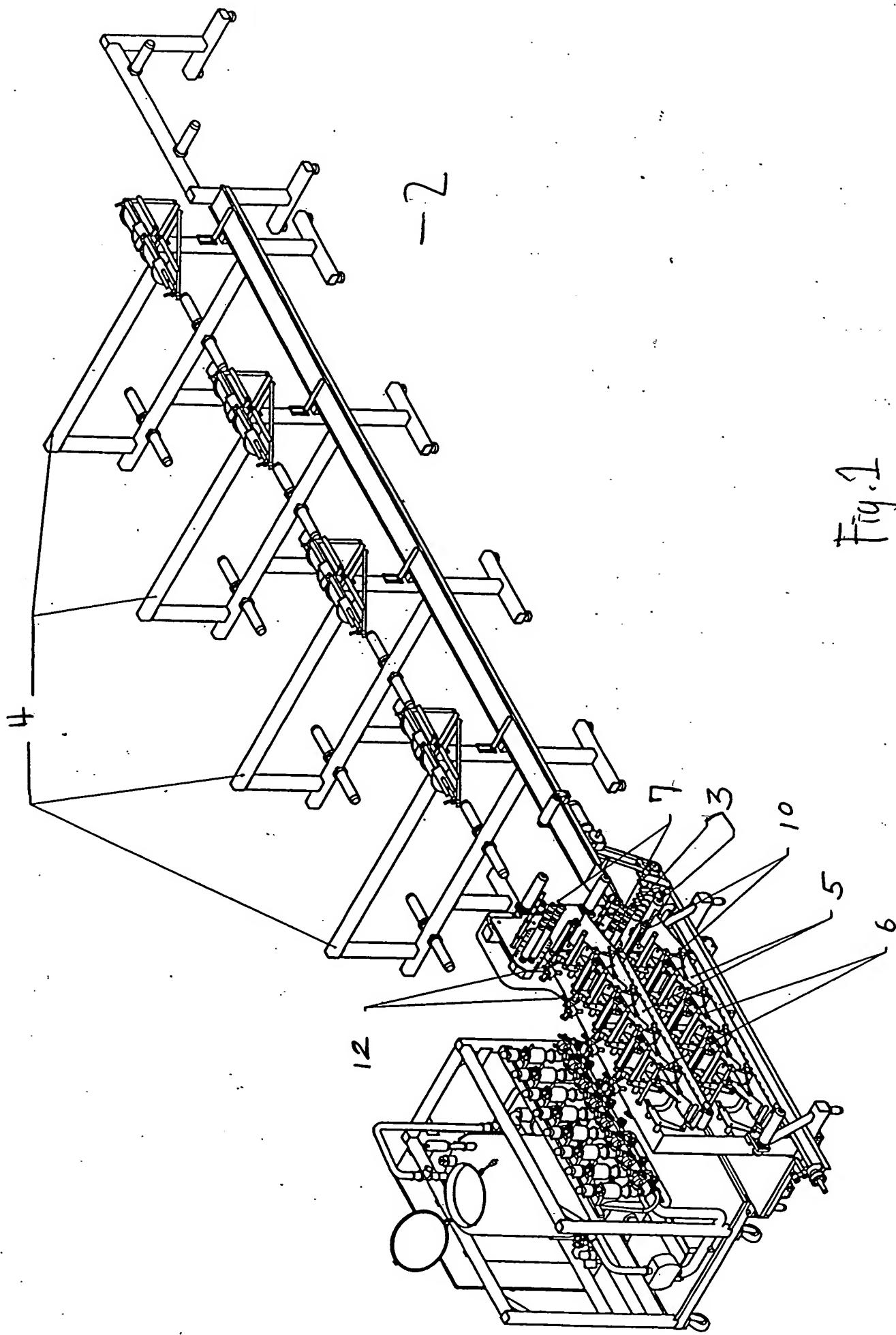


Fig. 2A

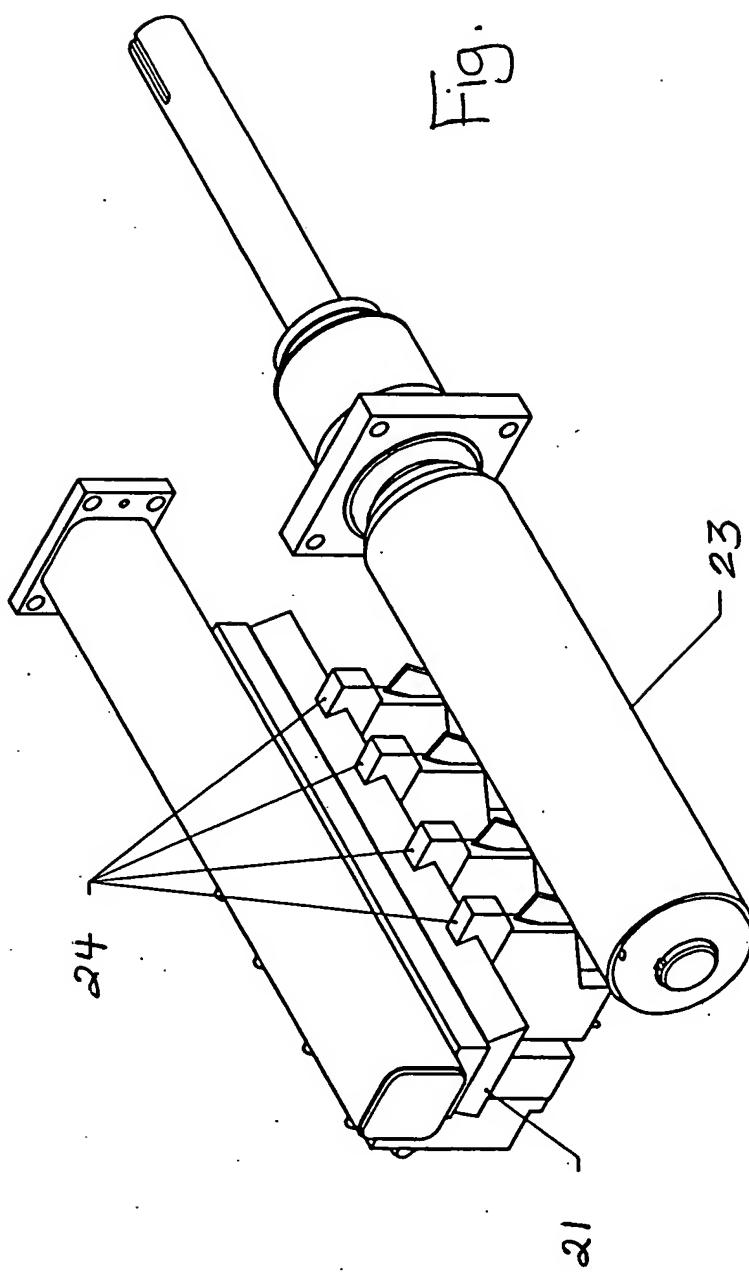
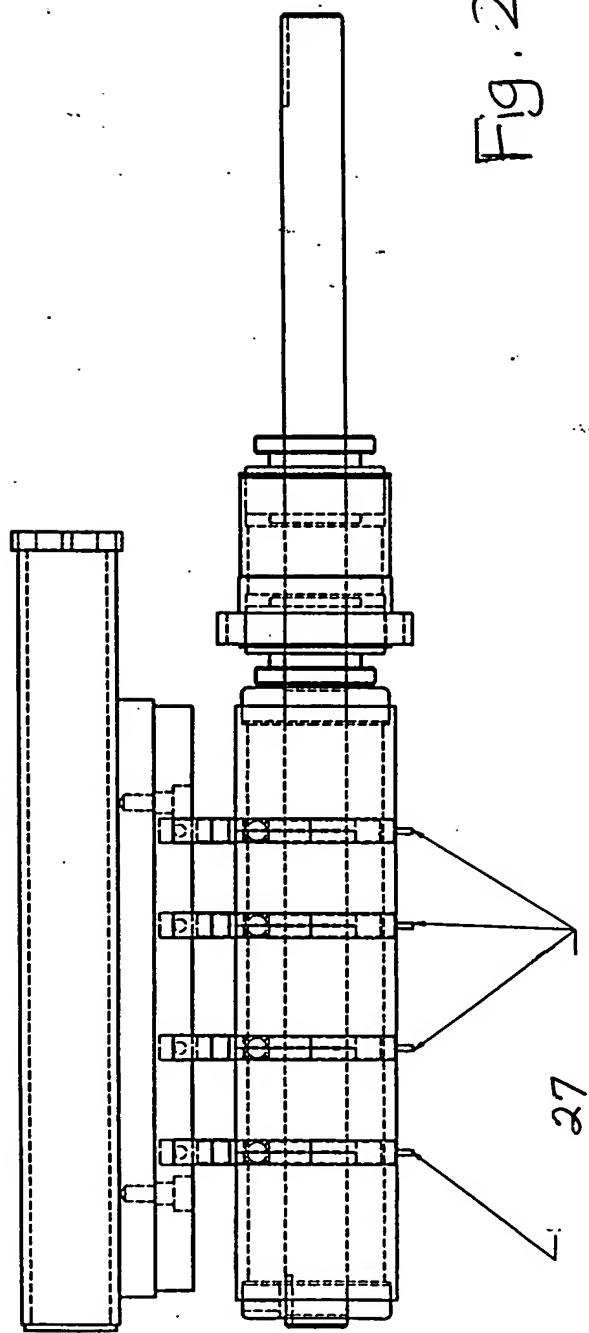


Fig. 2B



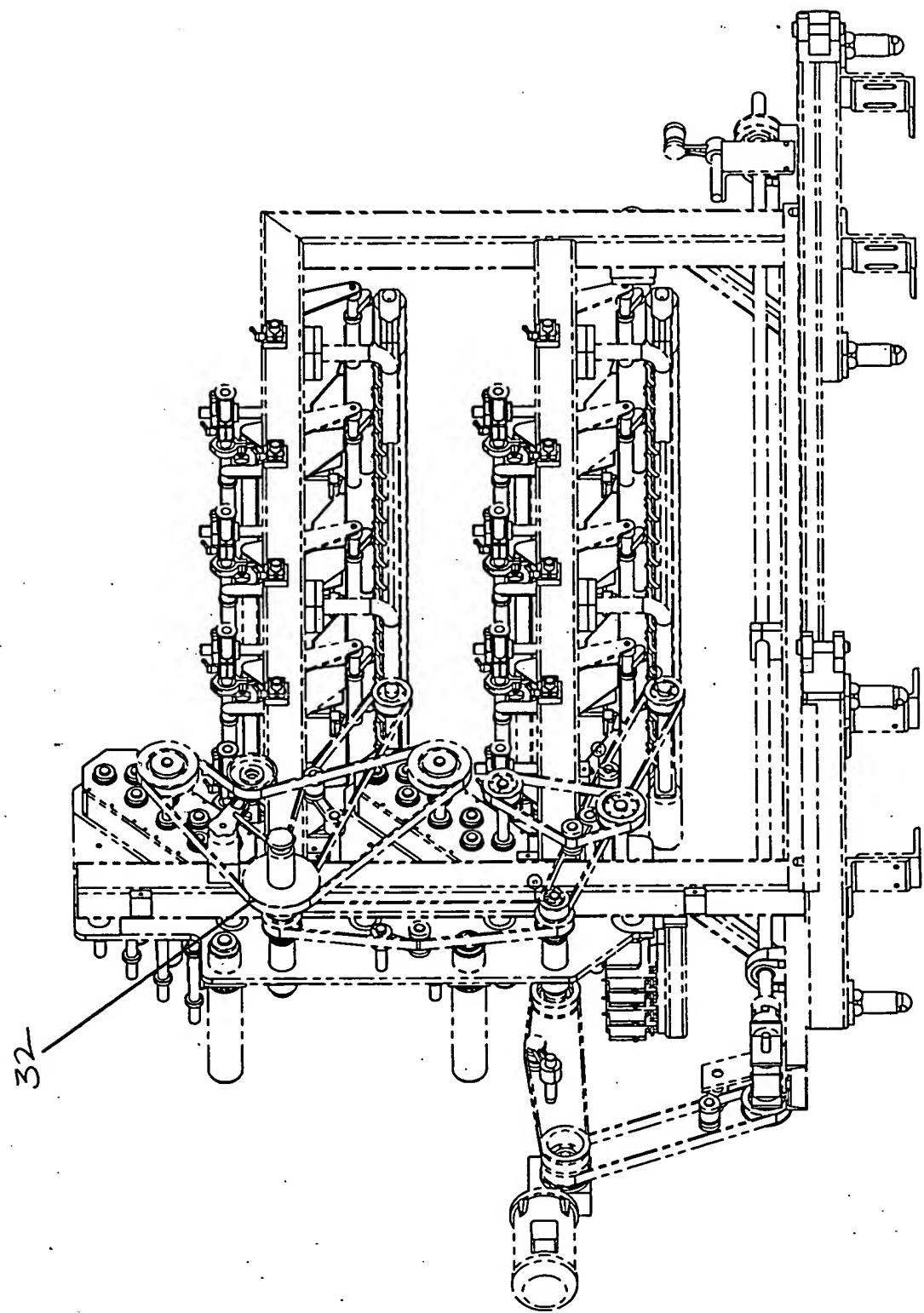


Fig. 3

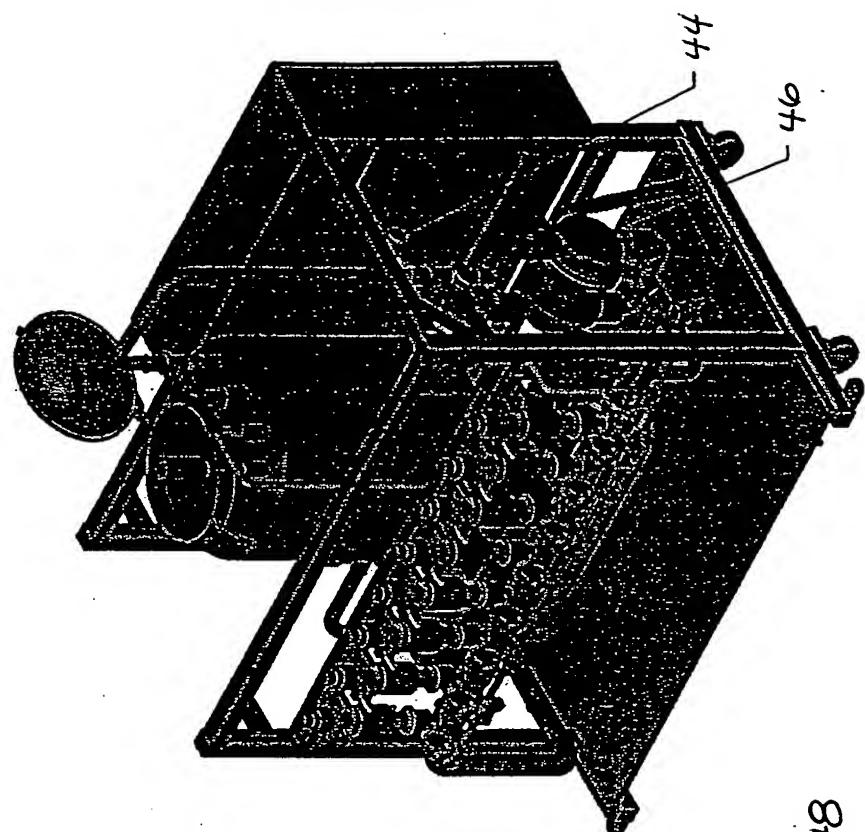


Fig. 4B

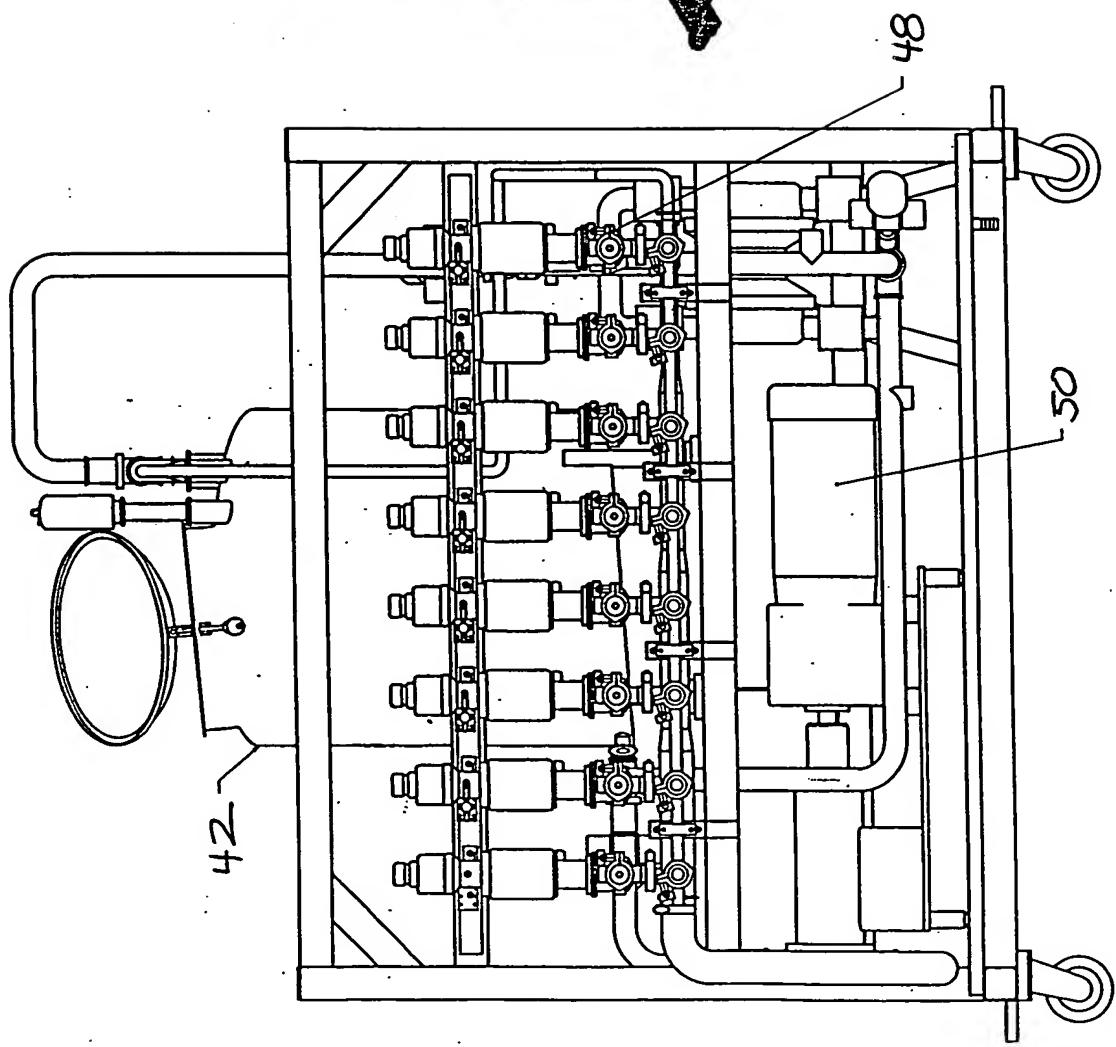


Fig. 4A

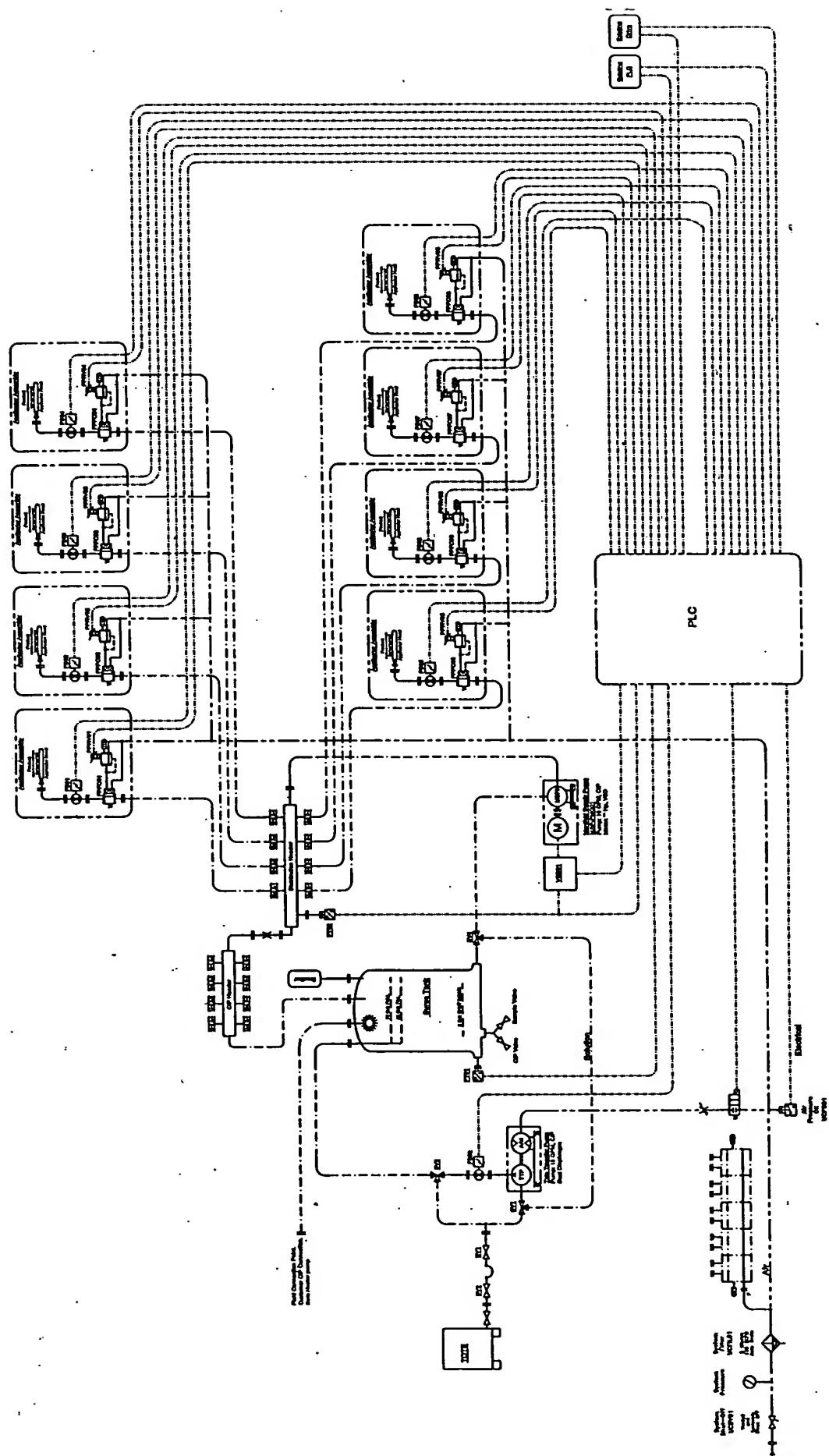


Fig. 5

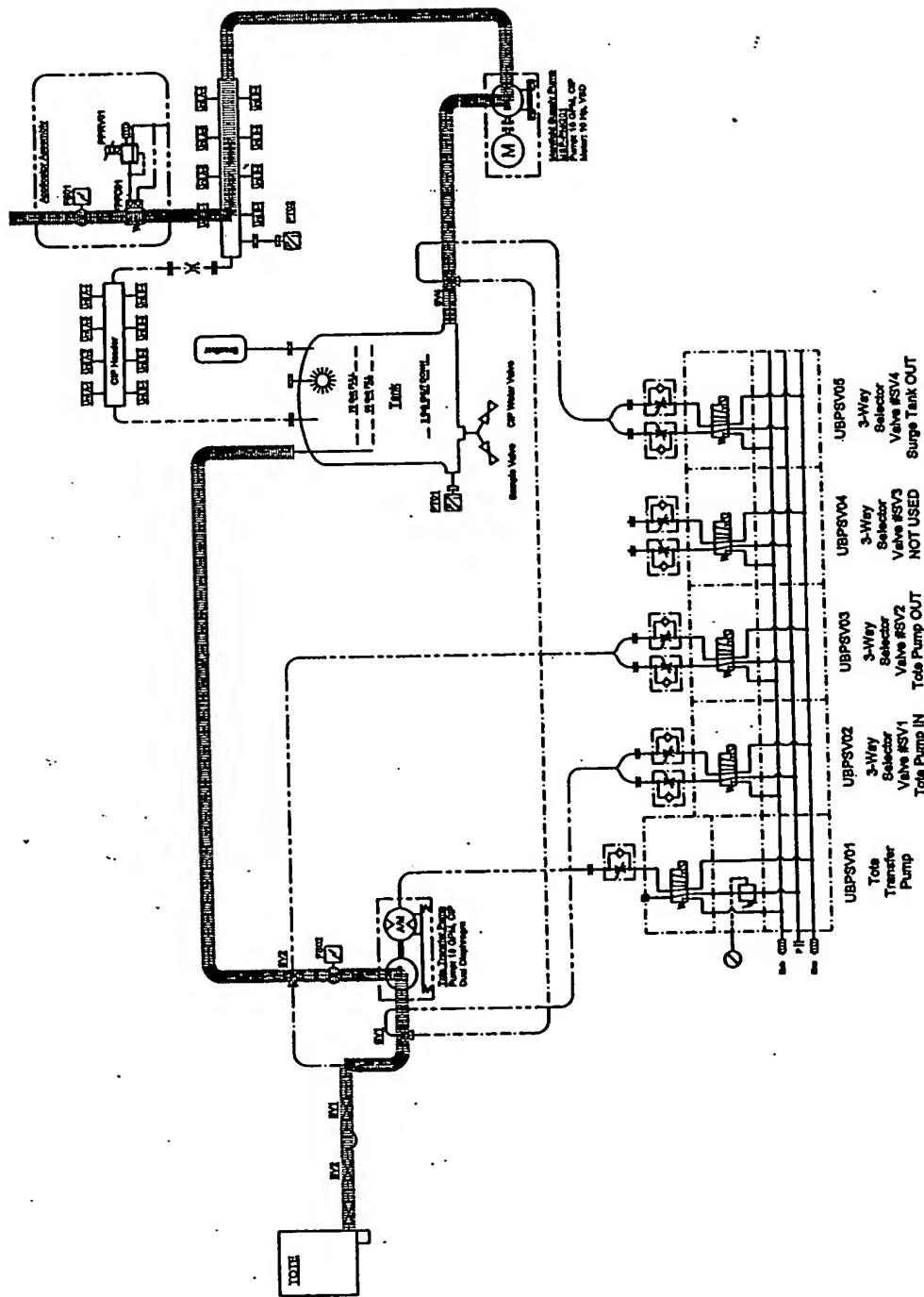


Fig. 6

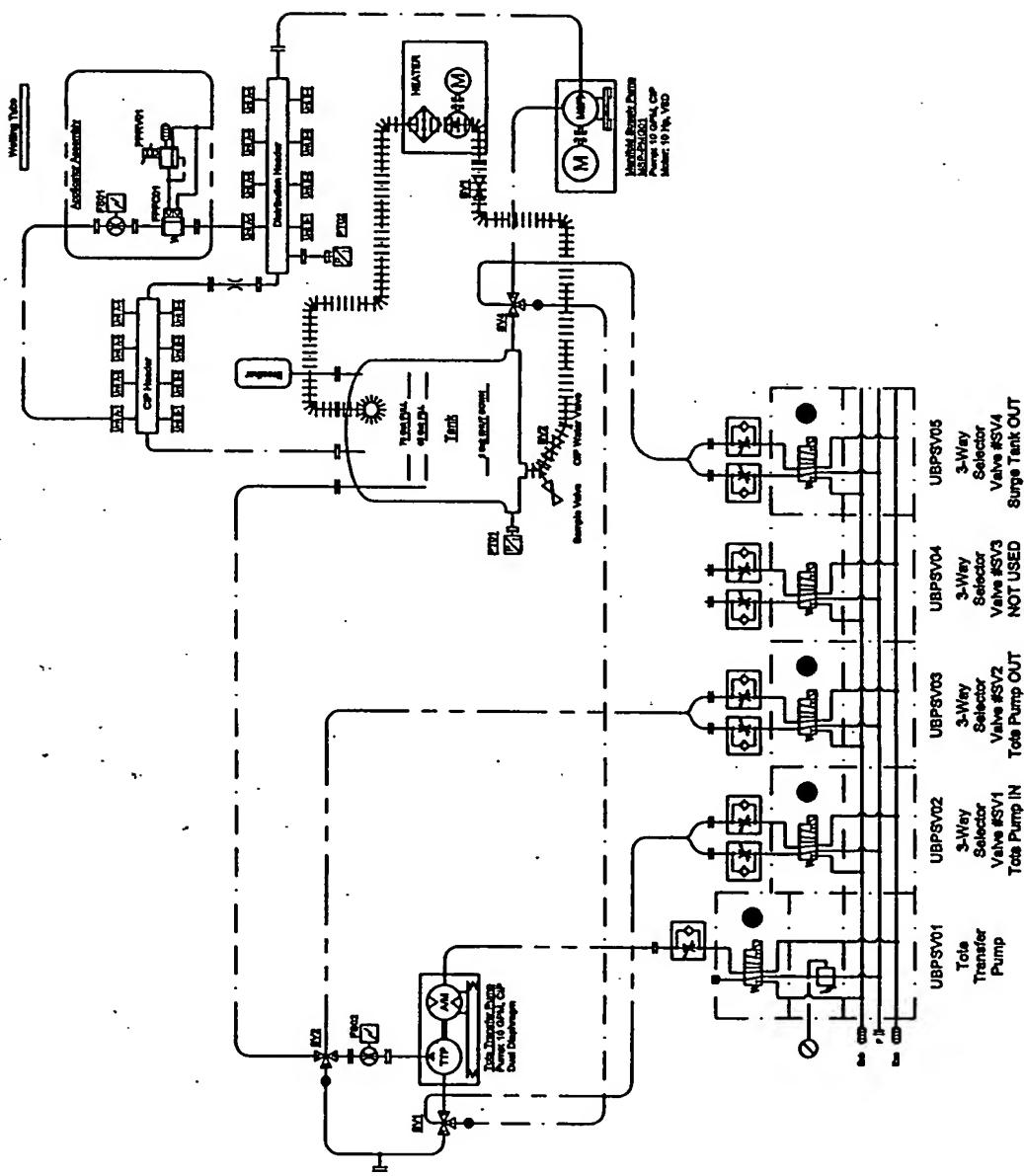
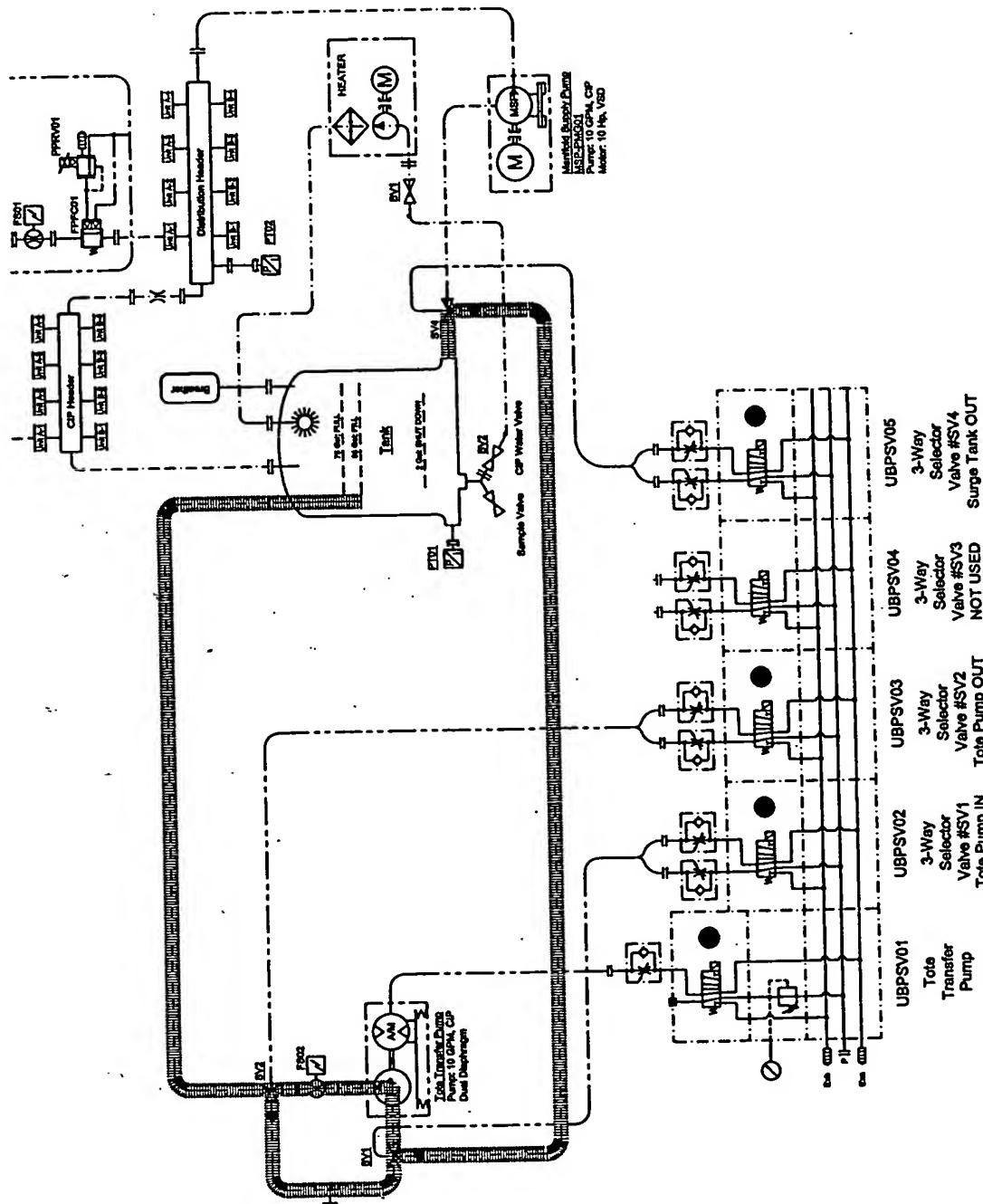
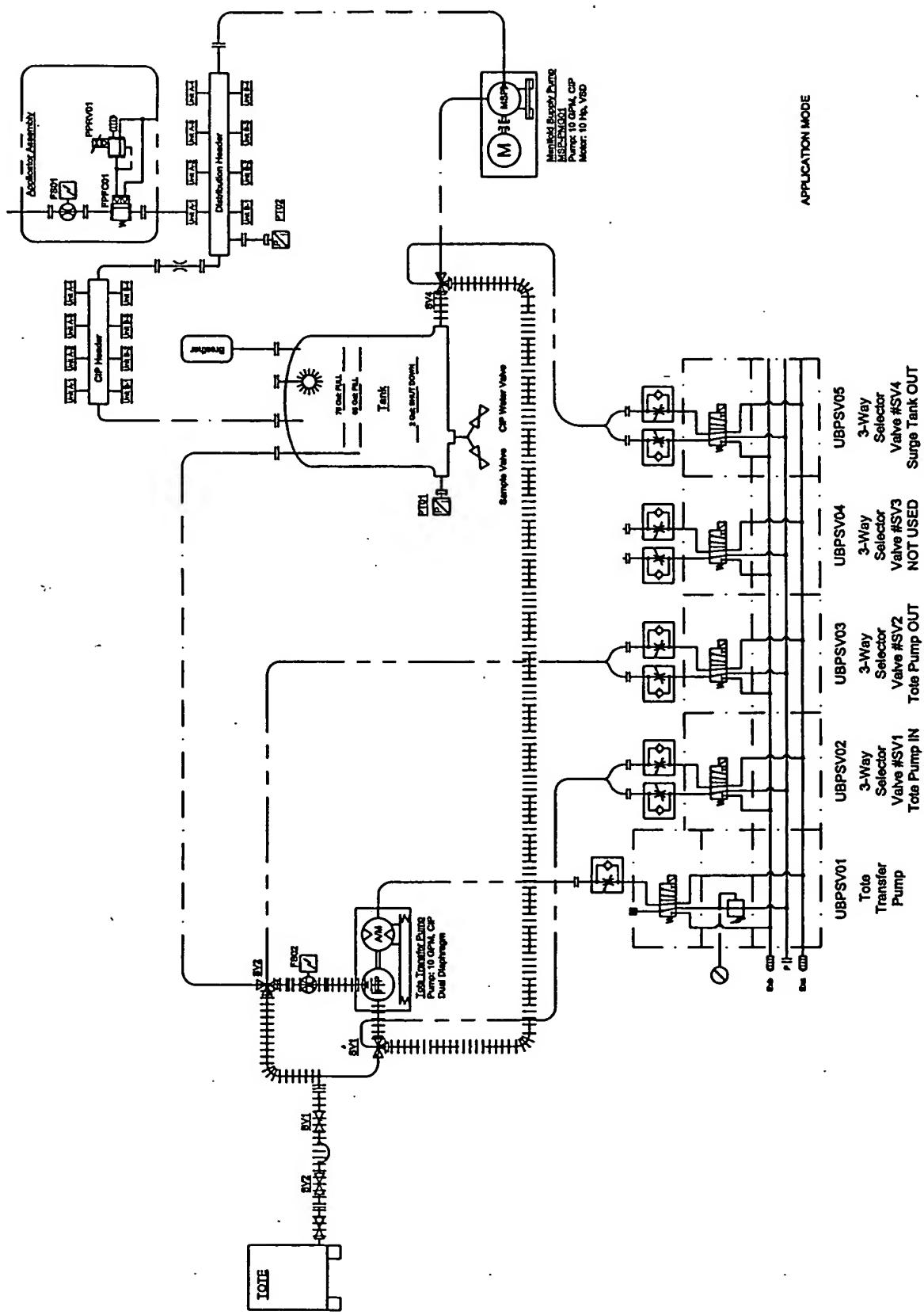


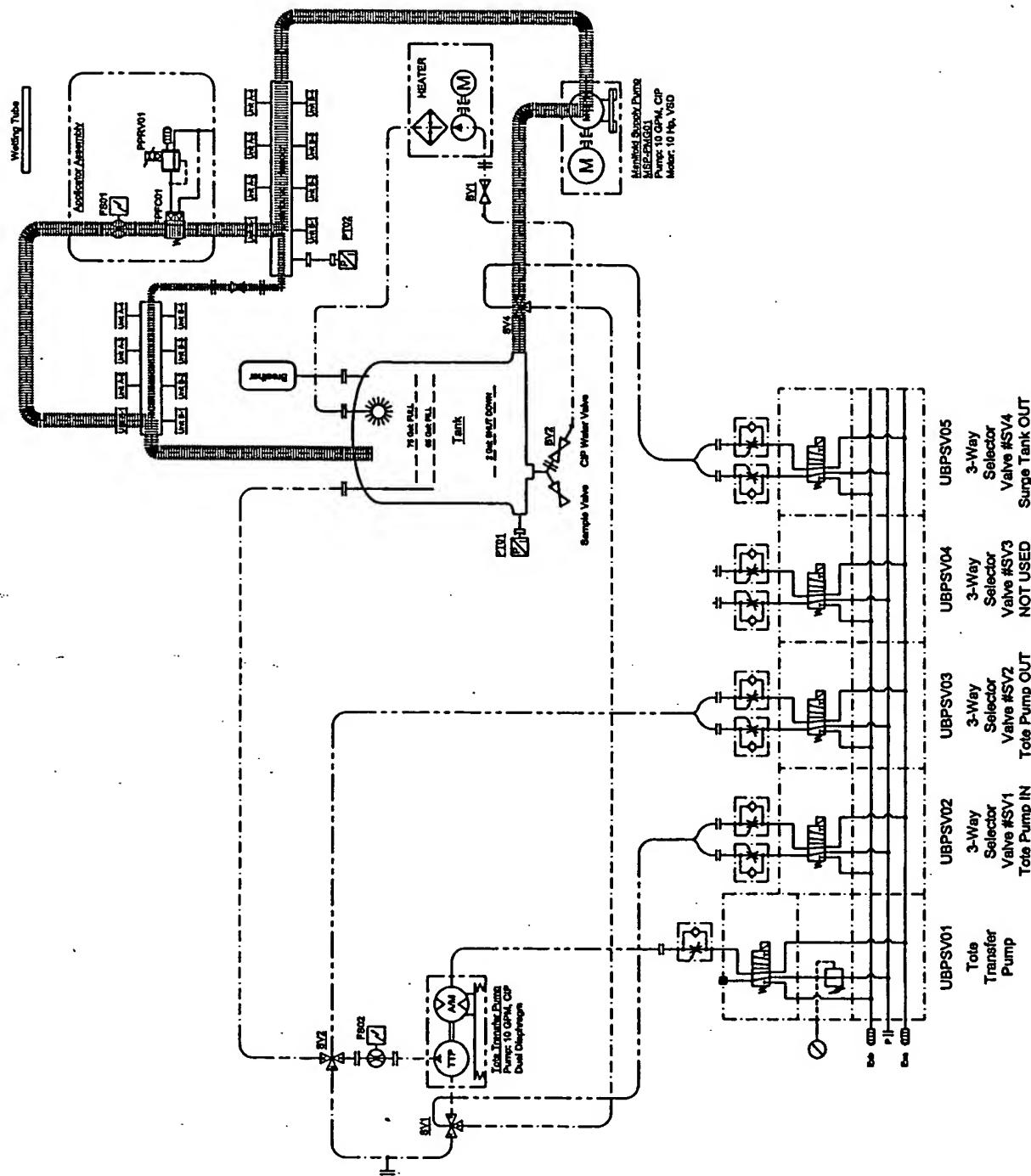
Fig.



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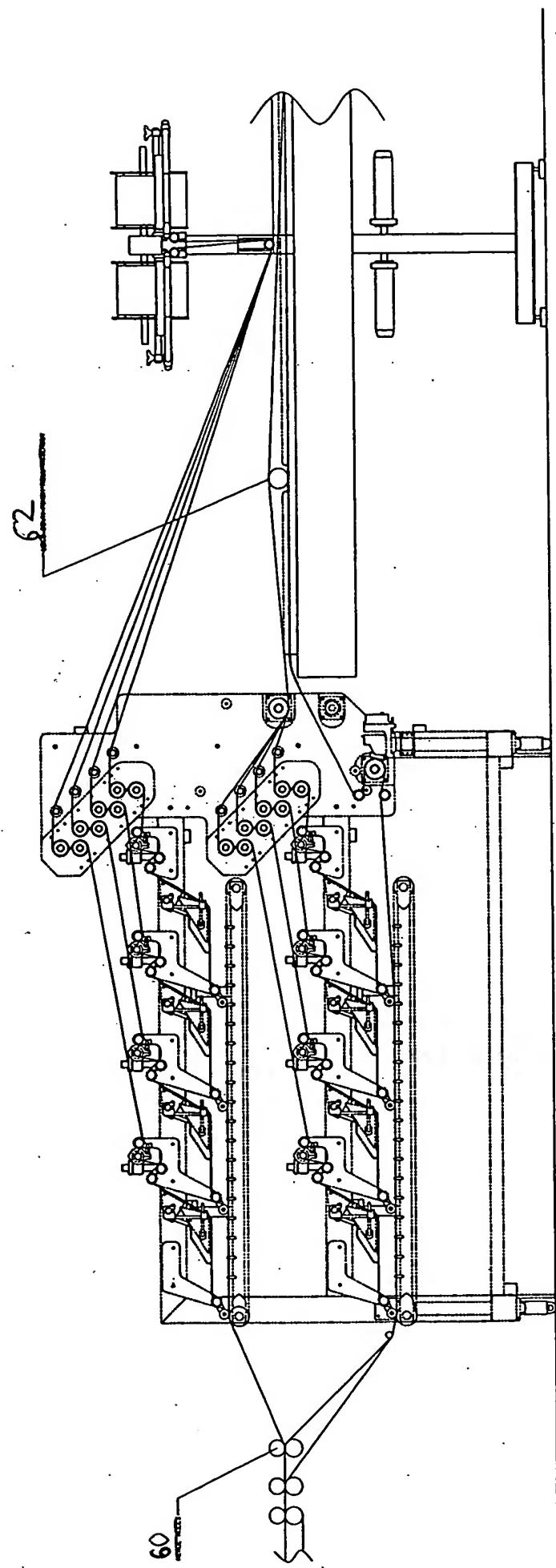


Fig. 11

| Web Loading @ SG = 1.0 | | grams/lin-in | | | | | | | | | | | |
|---------------------------|-------------|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| Web Load Range (+/- 5%) → | 1.33 - 1.47 | 1.71 - 1.89 | 1.80 - 2.10 | 2.39 - 2.65 | 2.47 - 2.73 | 2.57 - 2.85 | 2.65 - 2.93 | 2.76 - 3.05 | 2.93 - 3.23 | 3.23 - 3.57 | 3.98 - 4.38 | 4.47 - 4.95 | 4.60 - 5.08 |
| Web Speed | 1.40 | 1.80 | 2.00 | 2.52 | 2.60 | 2.71 | 2.79 | 2.90 | 3.08 | 3.40 | 4.17 | 4.71 | 4.84 |
| 100.00 | 0.012 | 0.015 | 0.016 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 | 0.017 |
| 150.00 | 0.016 | 0.018 | 0.019 | 0.020 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 |
| 200.00 | 0.020 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 | 0.021 |
| 250.00 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 |
| 300.00 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 | 0.028 |
| 350.00 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 | 0.032 |
| 400.00 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 |
| 450.00 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 | 0.038 |
| 500.00 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 | 0.041 |
| 550.00 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 | 0.044 |
| 600.00 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 | 0.047 |
| 650.00 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 | 0.050 |
| 700.00 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 | 0.053 |
| 750.00 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 | 0.056 |
| 800.00 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 | 0.059 |
| 850.00 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 | 0.062 |
| 900.00 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 | 0.065 |

(1 gram = 1 cc) @ (SG = 1.0)
cc to gal = 0.00026420

Flow Rate (Gallons/Min)

| |
|---|
| <input checked="" type="checkbox"/> Min. Flow Vol. @ 1.0 CPS (Sage) - |
| <input type="checkbox"/> Flow Vol. @ 1.0-to-11,399 CPS (Sage) - |
| <input type="checkbox"/> Max. Flow Vol. @ 20,000 CPS (Sage) - |
| <input type="checkbox"/> Max. Flow Vol. @ 17,500 CPS (Sage) - |
| <input type="checkbox"/> Max. Flow Vol. @ 11,400 CPS (Sage) - |

Fig. 12